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961550

December 20, 2013

California Regional Water Quality Control Board
Central Valley Region
364 Knollcrest Drive, Suite 205
Redding, CA 96002

RE: Facility ID 5A112004001, Order R5-2007-0043, Pond #1 and Flow data for November 2013

Attention Katie Connaughton:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

There was no discharge to surface waters, namely Walker Creek, during the month of November 2013.

Currently, liquid waste is being discharged into Pond 1, directly east of the plant, and Pond 5, north of Road 39, in order to ease the burden on Pond 1. Wastewater discharged into Pond 5 evaporates without pooling. No liquid waste is being discharged into Ponds 6-7, north of road 39.

Enclosed are monthly wastewater results for discharge ponds 1-3. While Pond DO in #1 is below acceptable limits for part of the month, the odor monitoring results concluded that there were some noted days of perceivable bad-odors near the ponds, but not beyond the boundaries of SNCC. Ponds #2 & 3 DOs were in compliant range. Process and cooling water flow results are included as well.

Sincerely,

Ben Gregersen
Owner

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: November 2013

<i>Pond 1</i>							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	2	2	3	2	x	(1: worst, 5: best)
Dissolved Oxygen	mg/L	<1	<1	<1	<1	x	1.0

<i>Pond 2</i>							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	2	2	3	2	x	(1: worst, 5: best)
Dissolved Oxygen	mg/L	2.73	2.49	1.16	1.03	x	1.0

<i>Pond 3</i>							
Parameter	Units	Week 1	Week 2	Week 3	Week 4	Week 5	Permit Limit
Freeboard	0.01 feet	x	x	x	x	x	2.0
Berm Seepage	Observations	0	0	0	0	x	
Odors	Observations	2	2	3	2	x	(1: worst, 5: best)
Dissolved Oxygen	mg/L	8.01	6.73	8.23	9.03	x	1.0

<i>Monthly Monitoring of Pond 1</i>		
Parameter	Units	Date: Nov 21
pH	pH units	6.96
Electrical Conductivity	umhos/cm	2230
BOD	mg/L	929
Ammonia	mg/L	108
Kjeldahl Nitrogen	mg/L	139
Nitrate as N	mg/L	<0.2
Total Dissolved Solids	mg/L	1650
Fixed Dissolved Solids	mg/L	1320
Arsenic	ug/L	1.8
Calcium	mg/L	131
Chloride	mg/L	459
Iron	ug/L	1040
Magnesium	mg/L	50.5
Manganese	ug/L	33.1
Potassium	mg/L	160
Sodium	mg/L	328
Sulfate	mg/L	8.39
Total Alkalinity	mg/L	1080
Bicarbonate	mg/L	1310
Carbonate	mg/L	<10
Hardness	mg/L	509

Please note that Freeboard is not present although there is no risk of berm runover. Freeboard is rotted and needs to be replaced.

Sierra Nevada Cheese Company

Order R5-2007-0043

Month/Year: November 2013

Date	Process Water (gal/day)	Non-Contact Cooling Water (gal/day)
gpd	5285	21440
gpm	116270	471680
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
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22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
Maximum	0	0
Permit Limit:	8,000 gal/day monthly average	--

Leachfield Monitoring	
Jan	
Feb	
Mar	
Apr	
May	
Jun	
Jul	
Aug	
Sep	
Oct	
Nov	No presence of seeps, erosion, saturation, ponding
Dec	

Solids Monitoring				
	Waste Type	Quantity	Disposal Location	Disposal Method
1st Quarter				
2nd Quarter				
3rd Quarter				
4th Quarter	none	0	na	na